

STATEMENT OF THE CLAIMS

1-40 (canceled)

41. (currently amended) A method for treating a varicose vein, comprising:

- a) delivering a first catheter having an occlusion element coupled at a distal end thereof through an incision and up the varicose vein;
- b) causing the occlusion element to occlude the varicose vein; and
- c) dispensing a sclerosing agent proximal to the occlusion element to treat a portion of the vein proximal the occlusion element such that the treated portion of the vein proximal of the occlusion element is destroyed.

42. (Previously presented) A method according to claim 41, wherein:

said occlusion element is a balloon, and said causing the occlusion element to occlude comprises causing said balloon to expand.

43. (Previously presented) A method according to claim 41, wherein:

said occlusion element is self-expanding.

44. (Previously presented) A method according to claim 43, further comprising:

d) providing a second catheter over said first catheter and over said self-expanding occlusion element.

45. (Previously presented) A method according to claim 44, wherein:

said occlusion element is a self-expanding balloon, and said expanding comprises withdrawing said second catheter from over said self-expanding balloon.

46. (Previously presented) A method according to claim 42, wherein:

said causing said balloon to expand comprises inflating said balloon.

47-50 (canceled)

AMENDMENT CORRECTING INVENTORSHIP PURSUANT TO 37 CFR 1.48(b)

Due to the requirement of the Examiner that the case be divided (Office Action dated July 13, 2004), the inventorship of the remaining claims in this case has changed. The inventors of remaining claims 41-46 are Banning G. Lary, and Leonard Pinchuk. Therefore, please delete Saul Gottlieb and Charles R. Slater as inventors as their invention is no longer being claimed, and please correct the Patent Office records to indicate the same. The processing fee of Section 1.17(i) is enclosed herewith.